

1. (CANCELLED)

2. (CANCELLED)

3. (CANCELLED)

4. (AMENDED) A computer-implemented method for providing visual clues for navigating a three-dimensional space represented in a computer-implemented graphics system, comprising:

(a) displaying a two-dimensional viewport of the three-dimensional space on a monitor attached to the computer;

(b) moving a cursor through the two-dimensional viewport of the three-dimensional space according to a position of an input device attached to the computer;

(c) determining a position of the cursor within the three-dimensional space relative to the two-dimensional viewport; and

(d) generating a visual representation of the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport, wherein the generating step comprises varying a reflectivity of the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport.

5. (CANCELLED)

6. (CANCELLED)

7. (AMENDED) A computer-implemented method for providing visual clues for navigating a three-dimensional space represented in a computer-implemented graphics system, comprising:

(a) displaying a two-dimensional viewport of the three-dimensional space on a monitor attached to the computer;

(b) moving a cursor through the two-dimensional viewport of the three-dimensional space according to a position of an input device attached to the computer;

(c) determining a position of the cursor within the three-dimensional space relative to the two-dimensional viewport; and

(d) generating a visual representation of the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport, wherein the generating

step comprises adding and subtracting concentric circles about the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport.

3. 8. (AMENDED) A computer-implemented method for providing visual clues for navigating a three-dimensional space represented in a computer-implemented graphics system, comprising:

(a) displaying a two-dimensional viewport of the three-dimensional space on a monitor attached to the computer;

(b) moving a cursor through the two-dimensional viewport of the three-dimensional space according to a position of an input device attached to the computer;

(c) determining a position of the cursor within the three-dimensional space relative to the two-dimensional viewport; and

(d) generating a visual representation of the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport, wherein the generating step comprises adding and subtracting projection lines to the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport.

4. 8. (AMENDED) A computer-implemented method for providing visual clues for navigating a three-dimensional space represented in a computer-implemented graphics system, comprising:

(a) displaying a two-dimensional viewport of the three-dimensional space on a monitor attached to the computer;

(b) moving a cursor through the two-dimensional viewport of the three-dimensional space according to a position of an input device attached to the computer;

(c) determining a position of the cursor within the three-dimensional space relative to the two-dimensional viewport; and

(d) generating a visual representation of the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport, wherein the generating step comprises adding and subtracting tag along characters to the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport.

10. (CANCELLED)

11. (CANCELLED)

12. (CANCELLED)

13. (CANCELLED)

14. (AMENDED) A computer-implemented graphics system for providing visual clues for navigating a three-dimensional space, comprising:

- B1
- (a) a computer having a monitor attached thereto;
  - (b) means, performed by the computer, for displaying a two-dimensional viewport of the three-dimensional space on the monitor attached to the computer;
  - (c) means, performed by the computer, for moving a cursor through the two-dimensional viewport of the three-dimensional space according to a position of an input device attached to the computer;
  - (d) means, performed by the computer, for determining a position of the cursor within the three-dimensional space relative to the two-dimensional viewport; and
  - (e) means, performed by the computer, for generating a visual representation of the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport, wherein the means for generating comprises means for varying a reflectivity of the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport.

15. (CANCELLED)

16. (CANCELLED)

17. (AMENDED) A computer-implemented graphics system for providing visual clues for navigating a three-dimensional space, comprising:

- (a) a computer having a monitor attached thereto;
- (b) means, performed by the computer, for displaying a two-dimensional viewport of the three-dimensional space on the monitor attached to the computer;
- (c) means, performed by the computer, for moving a cursor through the two-dimensional viewport of the three-dimensional space according to a position of an input device attached to the computer;
- (d) means, performed by the computer, for determining a position of the cursor within the three-dimensional space relative to the two-dimensional viewport; and

(c) means, performed by the computer, for generating a visual representation of the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport, wherein the means for generating comprises means for adding and subtracting concentric circles about the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport.

1  
18. (AMENDED) A computer-implemented graphics system for providing visual clues for navigating a three-dimensional space, comprising:

- B1
- (a) a computer having a monitor attached thereto;
  - (b) means, performed by the computer, for displaying a two-dimensional viewport of the three-dimensional space on the monitor attached to the computer;
  - (c) means, performed by the computer, for moving a cursor through the two-dimensional viewport of the three-dimensional space according to a position of an input device attached to the computer;
  - (d) means, performed by the computer, for determining a position of the cursor within the three-dimensional space relative to the two-dimensional viewport; and
  - (e) means, performed by the computer, for generating a visual representation of the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport, wherein the means for generating comprises means for adding and subtracting projection lines to the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport.

8  
19. (AMENDED) A computer-implemented graphics system for providing visual clues for navigating a three-dimensional space, comprising:

- (a) a computer having a monitor attached thereto;
- (b) means, performed by the computer, for displaying a two-dimensional viewport of the three-dimensional space on the monitor attached to the computer;
- (c) means, performed by the computer, for moving a cursor through the two-dimensional viewport of the three-dimensional space according to a position of an input device attached to the computer;

(d) means, performed by the computer, for determining a position of the cursor within the three-dimensional space relative to the two-dimensional viewport; and

(e) means, performed by the computer, for generating a visual representation of the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport, wherein the means for generating comprises means for adding and subtracting tag along characters to the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport.

20. (CANCELLED)

21. (CANCELLED)

22. (AMENDED) An article of manufacture embodying logic for performing a method for providing visual clues for navigating a three-dimensional space represented in a computer-implemented graphics system, the method comprising:

(a) displaying a two-dimensional viewport of the three-dimensional space on a monitor attached to the computer;

(b) moving a cursor through the two-dimensional viewport of the three-dimensional space according to a position of an input device attached to the computer;

(c) determining a position of the cursor within the three-dimensional space relative to the two-dimensional viewport; and

(d) generating a visual representation of the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport, wherein the generating step comprises varying a reflectivity of the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport.

23. (CANCELLED)

24. (CANCELLED)

19 25. (AMENDED) An article of manufacture embodying logic for performing a method for providing visual clues for navigating a three-dimensional space represented in a computer-implemented graphics system, the method comprising:

- 4p1
- (a) displaying a two-dimensional viewport of the three-dimensional space on a monitor attached to the computer;
  - (b) moving a cursor through the two-dimensional viewport of the three-dimensional space according to a position of an input device attached to the computer;
  - (c) determining a position of the cursor within the three-dimensional space relative to the two-dimensional viewport; and
  - (d) generating a visual representation of the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport, wherein the generating step comprises adding and subtracting concentric circles about the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport.

11 26. (AMENDED) An article of manufacture embodying logic for performing a method for providing visual clues for navigating a three-dimensional space represented in a computer-implemented graphics system, the method comprising:

- (a) displaying a two-dimensional viewport of the three-dimensional space on a monitor attached to the computer;
- (b) moving a cursor through the two-dimensional viewport of the three-dimensional space according to a position of an input device attached to the computer;
- (c) determining a position of the cursor within the three-dimensional space relative to the two-dimensional viewport; and
- (d) generating a visual representation of the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport, wherein the generating step comprises adding and subtracting projection lines to the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport.

12 27. (AMENDED) An article of manufacture embodying logic for performing a method for providing visual clues for navigating a three-dimensional space represented in a computer-implemented graphics system, the method comprising:

(a) displaying a two-dimensional viewport of the three-dimensional space on a monitor attached to the computer;

(b) moving a cursor through the two-dimensional viewport of the three-dimensional space according to a position of an input device attached to the computer;

p1 (c) determining a position of the cursor within the three-dimensional space relative to the two-dimensional viewport; and

(d) generating a visual representation of the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport, wherein the generating step comprises adding and subtracting tag along characters to the cursor to indicate the position of the cursor within the three-dimensional space relative to the two-dimensional viewport.

---